			DB	Time stamp 2002/02/08 12:30
Number	Hits	Search Text	USPAT	2002/02/08 12:30
-	2619	polymer near membrane	USPAT	2002/02/08 12:30
ļ	1	, them noar separator	USPAT	2002/02/08 12:31
	315016	polyolefin or polyethylene of		
İ			USPAT	2002/02/08 12:32
	21566	polypropylene surface near treatment or surface near	OSTAL	1
ļ			*** O D 7 M	2002/02/08 12:32
\		treating surface near hydrophilic or surface near	USPAT	2002/02/
1	6852			2002/02/08 12:32
1		hydrophobic surface near hydrophilic or surface near	USPAT;	2002/02/00 12:32
į	7225	surface near hydrophilic of sarras	US-PGPUB	100 (00 10.33
ļ			USPAT;	2002/02/08 12:33
1	1408		US-PGPUB	
1	1400	treating) and (surface near mydrophize-	0.5	
			USPAT;	2002/02/08 12:33
	007		US-PGPUB	
Ì	897	((surface near treatment or hydrophilic or treating) and (surface near hydrophilic or and (polyolefin	US-PGPUB	
	l			1
		surface near nydrophobic// district		1 2 (00 (00 12:33
		or polyethylene or polypropylene)	USPAT;	2002/02/08 12:33
_	1453		US-PGPUB	
0	1100	polymer hear membrane) polyethylene or polypropylene) polyethylene or polypropylene	USPAT;	2002/02/08 12:57
	15	polyethylene or polypropylene, (((surface near treatment or surface near	US-PGPUB	l l
'	13	(((surface near treatment of surface near hydrophilic or treating) and (surface near hydrophilic or treating) and (polyolefin		1
				1
		or polyethylene or polypropylene)) and	1	1
			1	2002/02/08 13:08
	1	(polymer near membrane) (("3231530") or ("3853601") or ("3951815")	USPAT	2002/02/08 13:00
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		("4346142") or ("5085/75") or		
	l	("5294346")).PN.	USPAT	2002/02/08 13:12
	505015	lion particles	USPAT	2002/02/08 13:09
12	505015	l irradialay	1	2002/02/08 13:09
13	13776		USPAT	2002/02/08 13:09
14	23336	electron same radiat(4) or (electron (electron)	USPAT	2002/02/00 2
15	30889	(electron same Illaulatvi)		2002/02/08 13:10
10	1	same radiat\$4)	USPAT	2002/02/08 13:10
16	31566	same radiats4) (ion particles) same radiation irradiate	USPAT	2002/02/08 13:11
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17	204730		USPAT	2002/02/08 13:11
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18	26566			2002/02/08 13:12
			USPAT	2002/02/01
19	27993	1 (radiation intaddate interest		2002/02/08 13:12
		irradiating) same electron	USPAT	2002/02/00 13:12
20	4740	2 ((radiation irradiate irradiation		
20				
	1		1	
	1	particles)) or ((radiation illustrated) same irradiation radiating irradiating) same		
	}	electron)	USPAT	2002/02/08 13:12
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21	450	1) ION aug bombarament	USPAT	2002/02/08 13:1:
22		4 ionic adj particles	USPAT	2002/02/08 13:11
23	28	jon adj particles	USPAT	2002/02/00 13.1
24	2	9 ion adj particles 66 (ion adj particles) same (radiation		
~ 3		irradiate irradiation radiating	Ì	
1			USPAT	2002/02/08 13:1
1		n /: a adi particles) same (Iduiacion	321	1
25		irradiate irradiation radiating	1	<u> </u>
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26				
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27		irradiate irradiation radiating		1
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		same (radiation illand toolymer	1	
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1	1	radiating irradiating))) and (battery		
1	1	near separator)	1	

	10 ((14 - add particles) same (Idulation	SPAT 2	002/02/08 13:17
9	10 (rradiate irradiation radiating		
}	s	ame (radiation irradiate irradiation adiating irradiating))) and (polyolefin adiating irradiating polypopylene)		
1	r			2002/02/08 13:18
1	200		,01	2002/02/08 13:18
0	1 .	400 110 11 112 CCIS	JSPAT SPAT	2002/02/08 13:18
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2			JSPAT :	2002/02/08 13:18
3	.015	522/157,158,159,161.ccls. and (101110 dd)	1	
3			JSPAT	2002/02/08 13:19
34		particles) 522/157,158,159,161.ccls. and (ion adj		2002/02/08 13:19
		7 AG /1 E 7 1 C 8 1 E 9 1 A 1 C C L S . A HILL ((C L C C C L C L C L C L C L C L C	USPAT	2002/02/00 13:13
35	132	same irradiat\$4) or (electron same		
			TICDAM	2002/02/08 13:21
_		150 /157 150 150 161 CCLS. and ((electron))	USPAT	2002/02/
36				
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37		200 /100 110 11 11/ CCIS. dild ((CECCE	00277	
<i>)</i>	1	same irradiat\$4) or (election same		
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38	0			
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41	55	leame irradiat\$4) or (election same		
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42	1	1, (500 /100 110 11 117 CCIS, and ((e)cocion	051111	
42				
		same irradiat\$4) of (electron standard near radiat\$4))) and vacuum) and ((surface near treatment or surface near treatment or surface near treatment or surface near surface n		
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43	0		USPAT	2002/02/08 13:25
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44		1	USPAT	2002/02/08 13:2
45	97			2002/02/08 13:2
45	1	(522/157, 158, 159, 161. ccis. and vactum) sim		
'		((surface near treatment or surface near treating) and (surface near hydrophilic or		
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		1 / 522 / 157 158 159 161 CCIS. and vacuum, and	USPAT	2002/02/00 13.2
47	77	(polyolefin or polyethylene or		
		1-ma\	USPAT	2002/02/08 13:2
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48		1 / / / / lofin or polvelly lene of		
		polypropylene)) and (polymer near	}	100/00 100
		membrane) 3 ((522/157,158,159,161.ccls. and vacuum)	USPAT	2002/02/08 13:2
49	6	and (polyolefin or polyethylene or		
				2002/02/08 13:3
		- 1 //roo/157 158 159 161.CCIS. and vacuum,	USPAT	2002/02/00 13.5
50		1 d /polyoletin or bolyethylene of		
		nolypropylene)) and nydrophilic	EPO; JPO;	2002/02/08 13:
E 1	2121	l I mombrano	DERWENT	1
51	2121	l l	EPO; JPO;	2002/02/08 13:3
	1	99 battery and separator	DERWENT	

			EPO; JPO;	2002/02/08 13:37
53	317557	polyoletin or polyethylene of	DEDMENT	
	ļ	polypropylene	,	2002/02/08 13:37
54	217		DERWENT	2002/02/08 13:37
	39		EPO; JPO; DERWENT	
55			EPO; JPO;	2002/02/08 13:37
56	241299		DERWENT	
50			EPO; JPO;	2002/02/08 13:38
57	377541		DERWENT	2002/02/08 13:39
	0070	(polymer and membrane) and (polyolefin or	EPO; JPO;	2002/02/08 13.39
58	2272		DERWENT	2002/02/08 13:39
5.0	0	li	USPAT	2002/02/02
59		polyethylene or polypropylene, and is		
			USPAT	2002/02/08 13:39
60	0	(polymer and membrane) and (polyolefin or (polymer and membrane)) and		
• -	ļ	polyethylene or polypropylene)) and		2002/02/08 13:39
		electron ((polymer and membrane) and (polyolefin or	USPAT	2002/02/08 13:39
61	0	1 - 1 - + by 1 one or not votoby telle / / dild		1
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	0	(battery and separator) and (polyblelin of	USPAT	
62		l - 1 - 2 thul one or polybropylene/	USPAT	2002/02/08 13:39
63	0	(battery and separator) and 1011	031711	1
63		1 -1 -0 -1	USPAT	2002/02/08 13:39
64	0	(battery and separator) and "ionic		12 20
		particles" (battery and separator) and electron	USPAT	2002/02/08 13:39
65	0	1	USPAT	2002/02/08 13:40
66	0			2002/02/08 13:40
]		(polymer and membrane) and (irradiation	USPAT	2002/02/00 13:10
67		l - diation irradiate)	tic DATE	2002/02/08 13:40
60		() () and election	USPAT	2002/02/08 13:40
68	1	(polymer and membrane) and long	USFAI	1
09			USPAT	2002/02/08 13:40
70		(malimor and membrane) and Ion partition	USPAT	2002/02/08 13:40
71		(polynlef and Membrathylene or polypropylene) and "ion particles"		12.40
		I cia an nolvethylene of	USPAT	2002/02/08 13:40
72	1	land "lonic particles		2002/02/08 13:40
	1	ol /polyolefin or polvethylene or	USPAT	2002/02/00 13111
73		l limmonulone) and election	USPAT	2002/02/08 13:40
74			USERI	
1 / 4		polypropylene) and (Irradiation radiation		
			USPAT	2002/02/08 13:41
75	1	0 ((polymer and membrane) and (polyolefin or polyethylene or polypropylene)) and		1
l	1	(battery and separator)		2002/02/08 13:42
ŀ			USPAT	
76	23170		EPO; JPO;	2002/02/08 13:12
77	935		DERWENT EPO; JPO;	2002/02/08 13:42
7.0	52	(surface and modification) and (polyolefin	DERWENT	
78	52	l maluathulane or Dolypiopyiene/	EPO; JPO;	2002/02/08 13:43
79		c / / curface and modification) and	DERWENT	ļ
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	1	polypropylene)) and (irradiation radiation		100 (00 100 10 10 1
		irradiate) 28 ((surface and modification) and	EPO; JPO	; 2002/02/08 13:4
80		((surface and modification) and (polyolefin or polyethylene or	DERWENT	
		lumronylenel) and irradiating		; 2002/02/08 13:4
		call//gurface and modification/ and	EPO; JPO	; 2002/02/00 13.4
81		- 1 C' NOLVOENVIENE ()[DERWENT	
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		1 :aistol) ((surface and modification)		
	Į.	I and (nolvolatin or polvethylene or	1	
Ì		polypropylene)) and irradiating)		

	diffication) and	EPO; JPO;	2002/02/08 13:47
82	16 ((((surface and modification) and (polyolefin or polyethylene or polypropylene)) and (irradiation radiation irradiate)) (((surface and modification and (polyolefin or polyethylene or polypropylene)) and irradiating)) and	DERWENT	
83	electron ((((surface and modification) and (polyolefin or polyethylene or polypropylene)) and (irradiation radiat irradiate)) (((surface and modification and (polyolefin or polyethylene or polypropylene)) and irradiating)) and	ion)	2002/02/08 13:47
84	"ionic particles" ((((surface and modification) and (polyolefin or polyethylene or polypropylene)) and (irradiation radiatirradiate)) (((surface and modification and (polyolefin or polyethylene or polypropylene)) and irradiating)) and "particles"	1)	2002/02/08 13:47